Approved for use through 07/31/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Attorney Docket No. 60680-1774 UTILITY David J. Schweiger First Inventor PATENT APPLICATION CAST-IN-ANTI-ROTATION FEATURE FOR ENGINE COMPONENTS SUBJECT TO TRANSMITTAL MOVEMENT (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EV223959290US MS Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. Х Specification (Total Pages 12 Computer Readable Form (CRF) (preferred arrangement set forth below) Specification Sequence Listing on: Descriptive title of the invention Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or Paper Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table Statements verifying identity of above copies or a computer program listing appendix Background of the Invention **ACCOMPANYING APPLICATIONS PARTS** Brief Summary of the Invention - Brief Description of the Drawings (if filed) 9 Assignment Papers (cover sheet & document(s)) Detailed Description 37 CFR 3.73(b) Statement - Claim(s) Power of 10. Abstract of the Disclosure (when there is an assignee) Attorney 3 4. X Drawing(s) (35 U.S.C. 113) 11. English Translation Document (if applicable) [Total Sheets Information Disclosure Copies of IDS 5. Oath or Declaration 4 12. Total Sheets Statement (IDS)/PTO-1449 Citations X Newly executed (original or copy) 13. Preliminary Amendment Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) 14 (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) 15. **DELETION OF INVENTOR(S)** (if foreign priority is claimed) Signed statement attached deleting Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). inventor(s) named in the prior application, 16. see 37 CFR 1.63(d)(2) and 1.33(b). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Х Customer Number: 10291 Correspondence address below RADER, FISHMAN & GRAUER PLLC Name Michael B. Stewart 39533 Woodward Avenue Address Suite 140 Bloomfield Hills City State MI Zip Code | 48304 (248) 594-0600 (248) 594-0610 Country US Telephone Registration No. (Attorney/Agent) Wichmann 37,758 Name (Print/Type) Steven C Signature Date August 25, 2003

Utility Patent	Application	Transmitta
-----------------------	-------------	------------

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV223959290US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: August 25, 2003

Signature: Assu M. Wan

_ (Leslie M. Wang)



U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

the required to respond to a confection of information driess it displays a valid CNIB control fiding						
First Named Inventor		David J. Schweiger				
Title	CAST-IN-ANTI COMPONENT	TI-ROTATION FEATURE FOR ENGINE TS SUBJECT TO MOVEMENT				
Attorr	ev Docket No.	60680-1774				

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

August 25, 2003

Date

(248) 593-3327

Telephone Number

Signature

Steven C. Wichmann

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Nonpublication Request

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV223959290US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: August 25, 2003

Signature:

-(Leslie M. Wana)

PTO/SB/17 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CEE TO A MORAITT A L	l	Complete if Known						
FEE TRANSMITTAL	[Application Number Not Yet Assigned						
for FY 2003		Filing Date		Concurrently Herewith				
Effective 01/01/2003, Patent fees are subject to annual revision.	First Named Inventor			David J. Schweiger				
Lifective 01/01/2000, I atem 1003 and Subject to annual revision.	Examiner Name				Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27	Art Unit				N/A			
TOTAL AMOUNT OF PAYMENT (\$) 750.00		Attom	ey Do	cket No	э.	60680-17	774	
METHOD OF PAYMENT (check all that apply)				FEE	CALCU	LATION (co	ontinued)	
Check Credit Money Other None	2 4	DDITIO	SMAI					
Card Order Other	". "	יוווטטוי	JIVAL	rees				
χ Deposit Account		- Catitu	Cmall	Entitu				
Deposit Account 18-0013	Fee	Fee	Fee	Entity Fee	-	Ean Dans	intian	
Number	Code	(\$)	Code	(\$)		Fee Desc	cription	Fee Paid
Deposit Account Rader, Fishman & Grauer PLLC	1051	130	2051	65	Surcharge	- late filing fe	e or oath	
Name	1052	50	2052	25		- late provision	onal filing fee or cover	1
The Director is hereby authorized to: (check all that apply)	4050	100	4050	400	sheet.			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	_	sh specificatio		
Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	_		parte reexamination	
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner a	ng publication of SIR prior to action		
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting	g publication o	of SIR after	
FEE CALCULATION	1251	110	2251	55		for reply within	n first month	
1. BASIC FILING FEE	1252	410	2252	205	Extension	for reply within	n second month	
Large Entity Small Entity	1253	930	2253	465	Extension	for reply within	n third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension	for reply within	n fourth month	
1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Extension	for reply within	n fifth month	
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of A	ppeal		
1003 520 2003 260 Plant filing fee	1402	320	2402	160	_	ef in support o	f an appeal	
1004 750 2004 375 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1403 1451	280 1,510	2403 1451	140		or oral hearing	lia waa braagadina	
1005 160 2005 80 Provisional filing fee	1452	110	2452	55		revive – unav	ilic use proceeding oidable	
SUBTOTAL (1) (\$) 750.00	1453	1,300	2453	650		revive - uninte		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue	e fee (or reissu	ле)	
Extra Fee from Claims below Fee Paid	1502	470	2502	235	Design iss	ue fee		
Total Claims 20 -20** = x = 0.00	1503	630	2503	315	Plant issue	fee		
Independent 3 -3** = x = 0.00	1460	130	1460	130	Petitions to	the Commiss	sioner	
Multiple Dependent =	1807	50	1807	50	Processing	j fee under 37	CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180	Submissio	n of Informatio	on Disclosure Stmt	
Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40		each patent a	ssignment per	
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a sul	bmission after	final rejection	
1201 84 2201 42 Independent claims in excess of 3	1810				(37 CFR 1.		ntion to he	<u> </u>
1203 280 2203 140 Multiple dependent claim, if not paid		750	2810	375	examined (additional invention to be (37CFR 1.129(b))		
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	-	or Continued E or expedited ex	xamination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900		application	A TIMA GOTT	
and over original patent	Other t	Other fee (specify)						<u></u>
SUBTOTAL (2) (\$) 0.00	*Redu	iced by E	Basic Fil	ling Fee	Paid	SUBTO	TAL (3) (\$)	
**or number previously paid, if greater, For Reissues, see above								
SUBMITTED BY	Realst	ation No		755			(if applicable)	
Name (Print/Type) Steven C. Wichmann	(Altome	y/Agent)	37	,758		Telephone	(248) 593-3327	
Signature Date August 25, 2003						3		

Fee Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV223959290US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: August 25, 2003

_ (Leslie M. Wang)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV223959290US in an envelope addressed to:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

August 25, 2003 Date

. ()	
Ladie Millon	
Signature	

Leslie M. Wang

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS (Citation) by Applicant